

Title (en)

Basic phenyl ethers, pharmaceutical compositions containing them and the preparation of these ethers and compositions.

Title (de)

Neue basische Phenyläther, diese enthaltende pharmazeutische Zubereitungen und die Herstellung dieser Äther und Zubereitungen.

Title (fr)

Ethers phényliques basiques, compositions pharmaceutiques les contenant et la préparation desdits éthers et desdites compositions.

Publication

EP 0009683 A1 19800416 (DE)

Application

EP 79103417 A 19790912

Priority

DE 2842759 A 19780930

Abstract (en)

For the Contracting States : BE, CH, DE, FR, GB, IT, NL, SE 1. Basic ethers of the general formula I see diagramm : EP0009683,P12,F1 wherein G is an unsubstituted phenyl oder benzyl group or a phenyl or benzyl group which is monosubstituted or disubstituted by halogen or is alkyl with 1-6 C atoms, Z is 1-imidazolyl or 2-methyl-1-imidazolyl, A is -CH=CR**1-, -CO-CHR**1-, -CHOH-CHR**1- or -CH2 -CHR**2-, n is 1, 2 or 3, R**1 is H or alkyl with 1-4 C atoms and R**2 is alkyl with 1-4 C atoms, and their physiologically acceptable acid addition salts. For the Contracting State : AT 1. Process for the preparation of basic ethers of the general formula I see diagramm : EP0009683,P13,F1 dans laquelle A is -CH=CR**1-, -CO-CHR**1-, -CHOH-CHR**1- or -CH2 -CHR**2-, n is 1, 2 or 3, R**1 is H or alkyl with 1-4 C atoms and R**2 is alkyl with 1-4 C atoms, and their physiologically acceptable acid addition salts, characterized in that a compound of the general formula II R-Q wherein R is the group C-O- see diagramm : EP0009683,P13,F2 and Q is a radical which can be reduced to a group -A-(CH2)n -Z, and G, Z, A and n have the meaning indicated above, is treated with a reducing agent, or in that a compound which corresponds to the general formula I but in which the hydroxyl group is present in a functionally modified form is treated with a solvolizing agent with liberation of the hydroxyl group, or in that a compound of the general formula III R-A-(CH2)n -X wherein X is Cl, Br, I, OH or reactively functionally modified OH and R, A and n have the meaning indicated above, is reacted with a compound of the general H-Z and in that, optionally, a resulting hydroxy compound of the formula I wherein A is -CHOH-CHR**1- is treated with a dehydrating agent and/or a resulting compound of the formula I wherein A is -CH=CR**1-, CO-CHR**1- or -CHOH-CHR**1 is treated with a reducing agent and/or a resulting base of the formula is converted to one of its physiologically acceptable acid addition salts by treatment with an acid.

Abstract (de)

Die neuen basischen Äther der allgemeinen Formel I <IMAGE> worin G eine unsubstituierte oder eine ein- oder zweifach durch Halogen substituierte Phenyl- oder Benzylgruppe oder Alkyl mit 1 - 6 C-Atomen, Z -NR¹R², 1-Imidazolyl oder- 2-Methyl-1-imidazolyl, A -CH = CR³, -CO-CHR³-, -CHOH-CHR³- oder -CH₂-CHR<4>-, n 1, 2 oder 3, R¹, R² und R³ (gleich oder verschieden) jeweils H oder Alkyl mit 1 - 4 C-Atomen und R<4> Alkyl mit 1 - 4 C-Atomen bedeuten, insbesondere z.B. 1-(4-p-Chlorphenoxy-phenyl)-3-(1-imidazolyl)-propen, sowie ihre physiologisch unbedenklichen Säureadditionssalze besitzen wertvolle pharmakologische, insbesondere antitykotische und antibakterielle Wirkungen. Es werden mehrere Arten zu ihrer Herstellung beschrieben.

IPC 1-7

C07C 93/14; **C07C 97/10**; **C07D 233/60**; **A61K 31/135**; **A61K 31/415**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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EP 0009683 A1 19800416; **EP 0009683 B1 19830810**; AT E4420 T1 19830815; AU 5126579 A 19800417; AU 526323 B2 19830106; CA 1136635 A 19821130; DE 2842759 A1 19800410; DE 2966050 D1 19830915; ES 484525 A1 19800616; HU 178648 B 19820628; IL 58328 A0 19791230; JP S5551043 A 19800414; YU 237579 A 19830228; ZA 795181 B 19801231

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